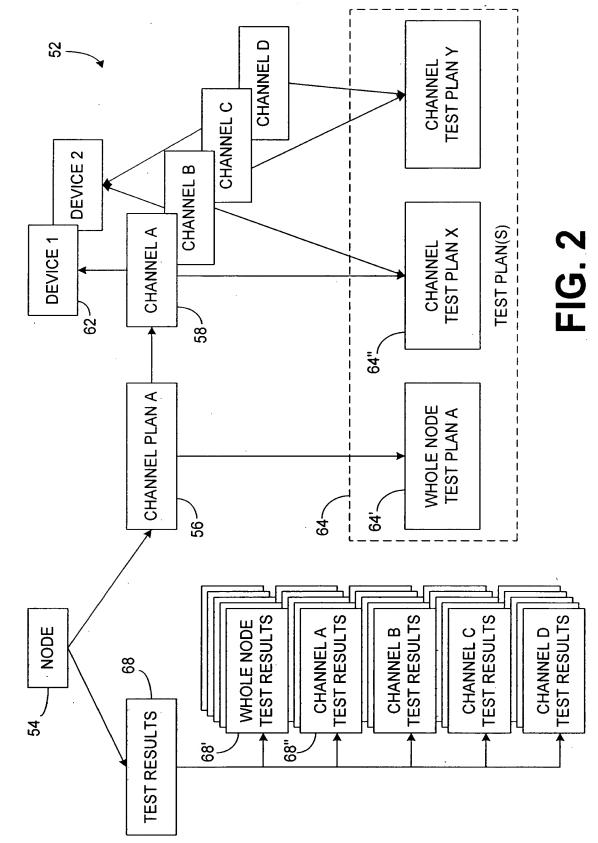
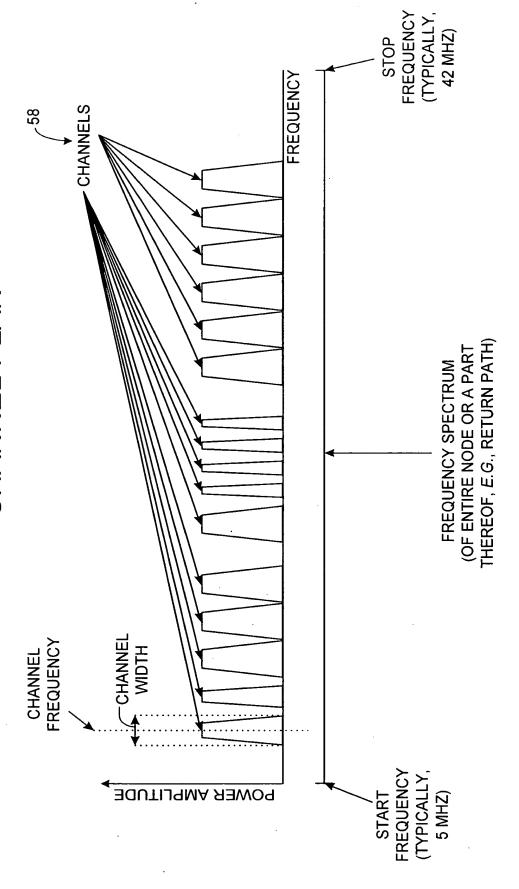


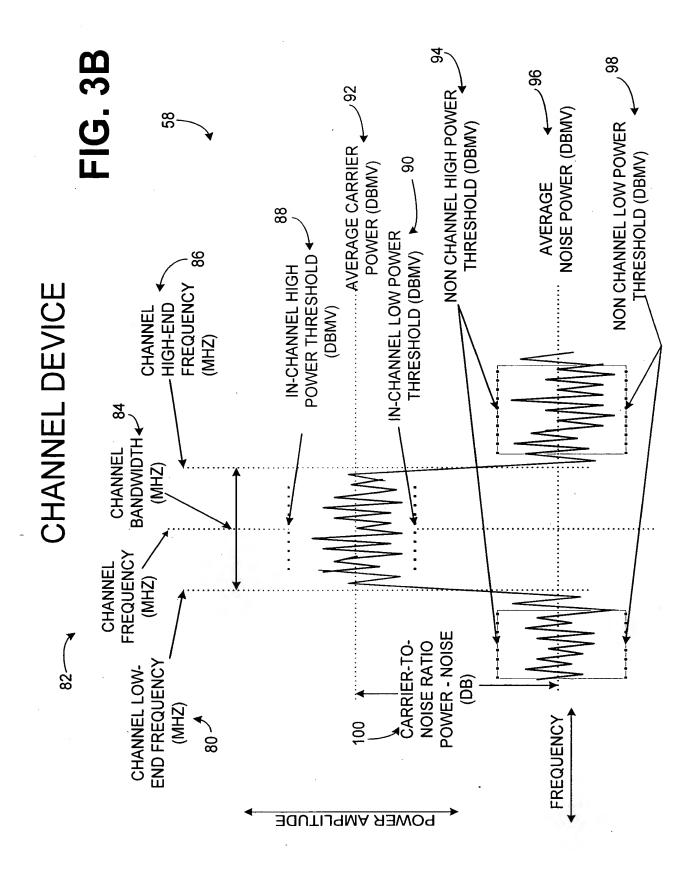
## DATA STRUCTURE OF DATABASE



### CHANNEL PLAN



**FIG. 3A** 



### **TEST PLAN**

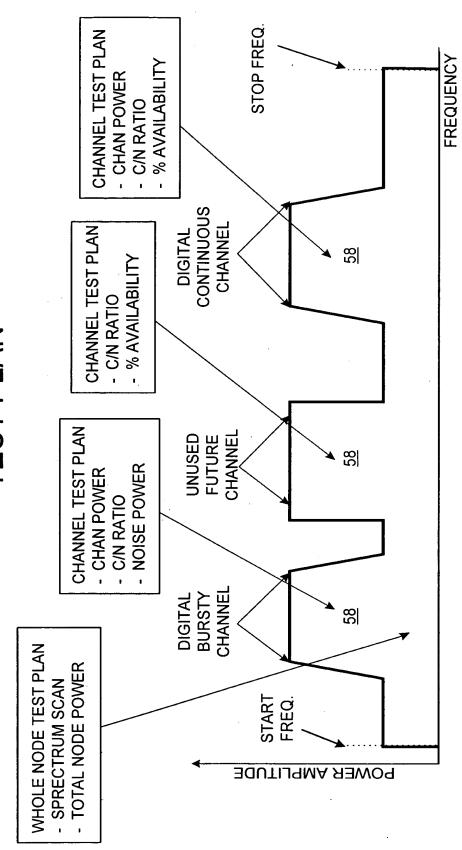


FIG. 3C

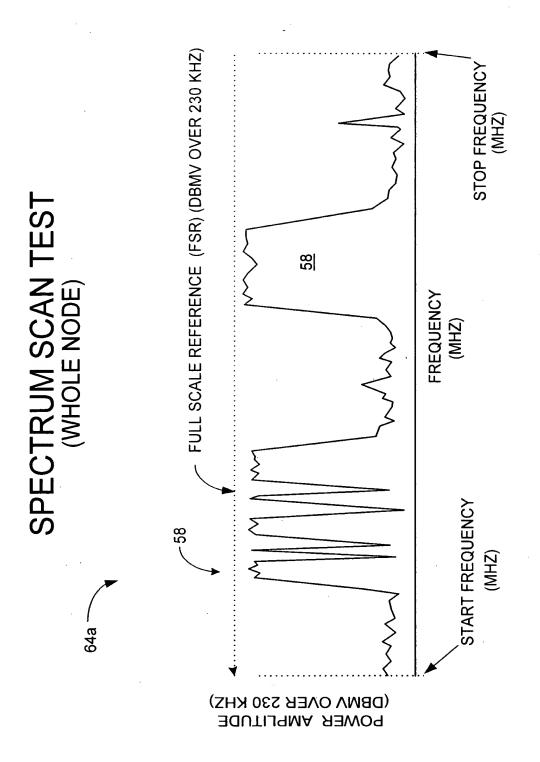


FIG. 3D

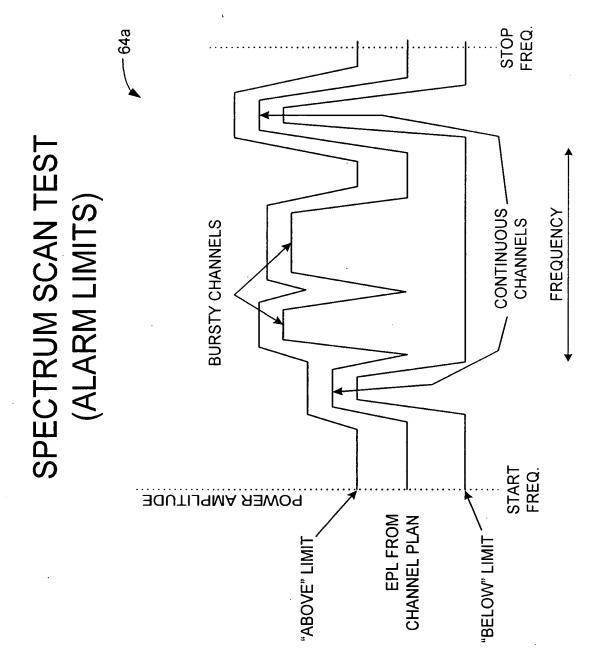


FIG. 3E

# TOTAL NODE POWER TEST (WHOLE NODE)

-64b

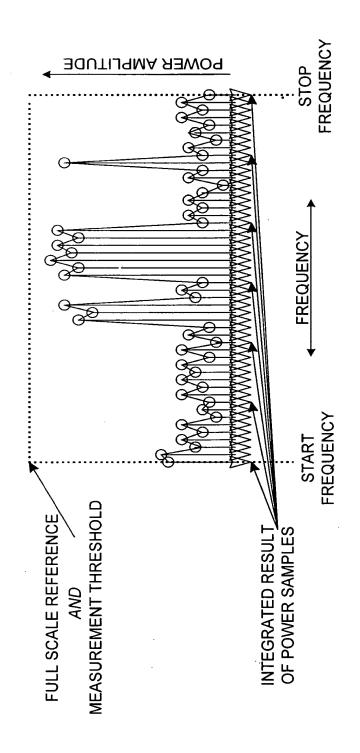


FIG. 3F

# AVERAGE NOISE POWER TEST (CHANNEL)

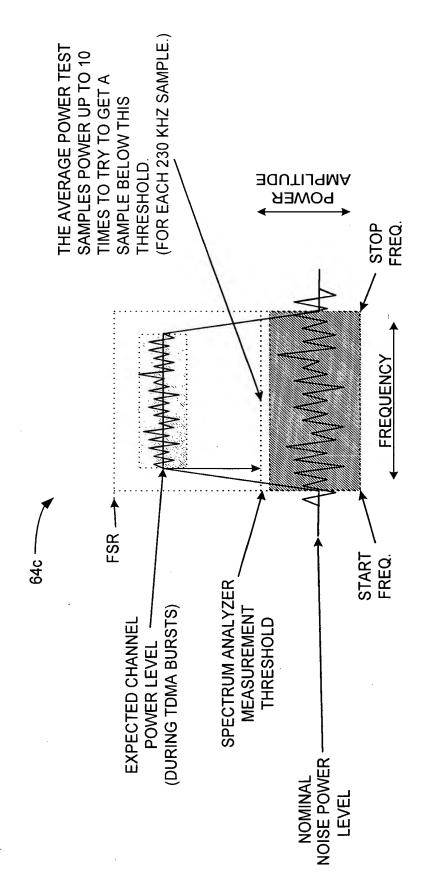


FIG. 3G

# AVERAGE NOISE POWER TEST (ALARM LIMITS)

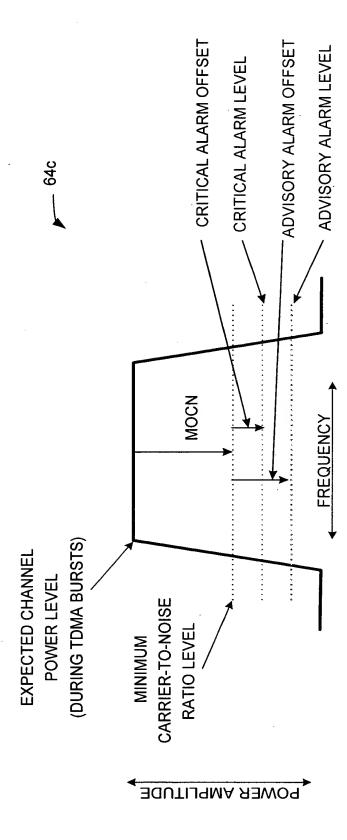
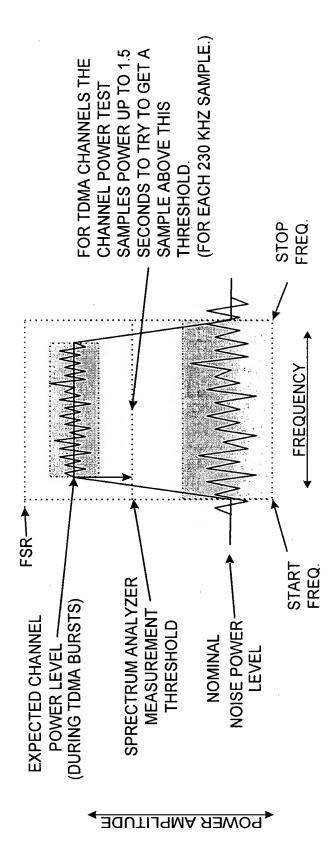


FIG. 3H

### CHANNEL POWER TEST (CHANNEL)

64d —



### CHANNEL POWER TEST (ALARM LIMITS)

64d

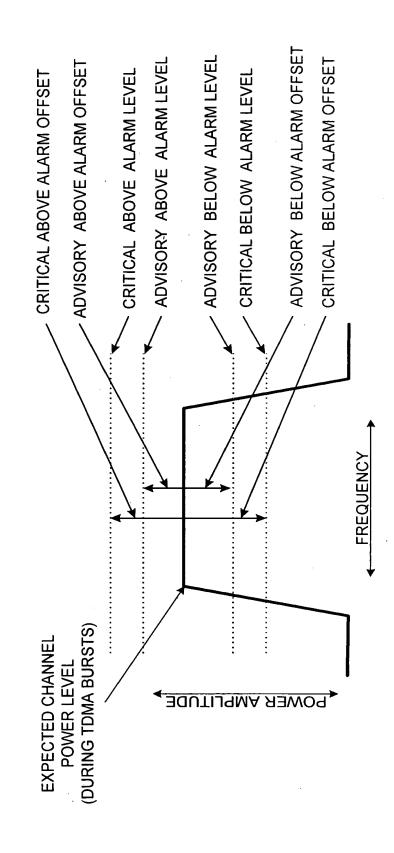


FIG. 3J

## CHANNEL POWER TEST (TDMA BURSTS)

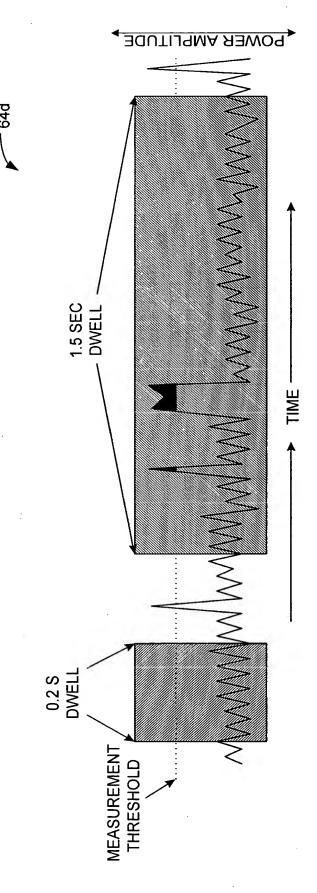


FIG. 3K

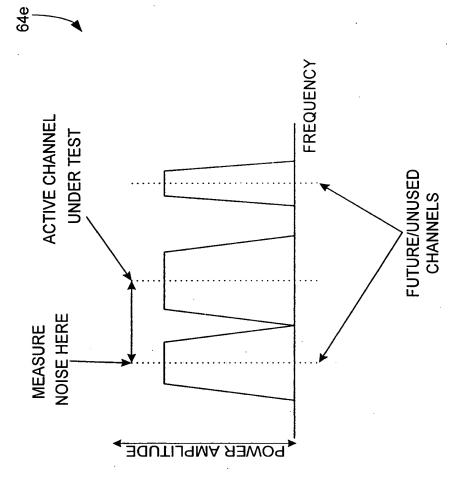


FIG. 3L

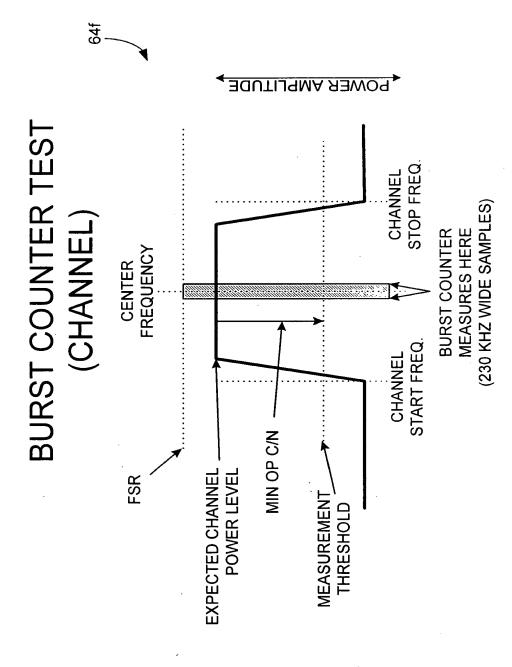


FIG. 3M

FREQUENCY

# PERCENT AVAILABILITY TEST (CHANNEL)

- 64g

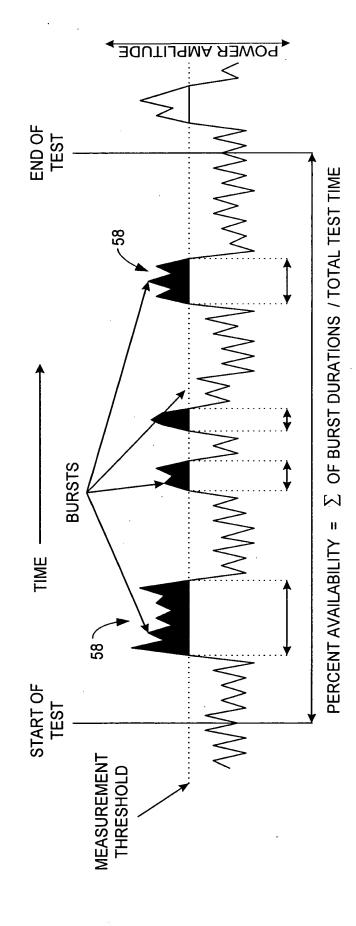
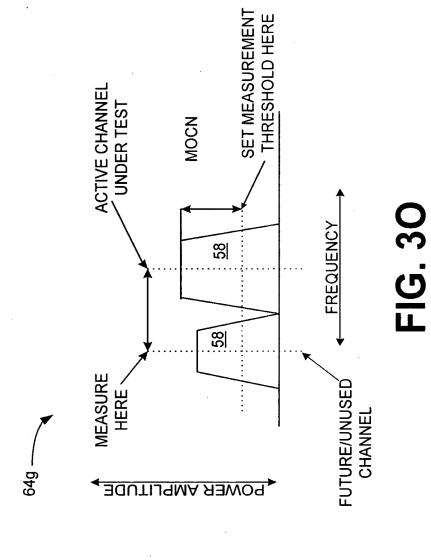
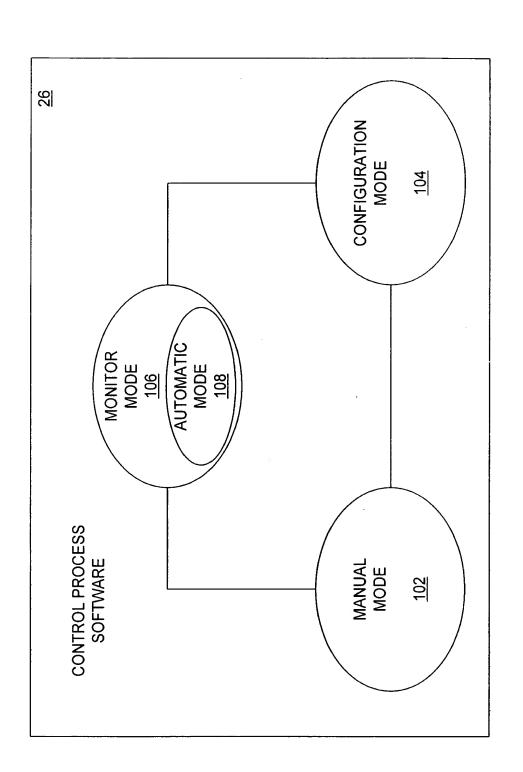


FIG. 3N

# PERCENT AVAILABILITY TEST (ACTIVE CHANNELS)





**FIG. 4** 

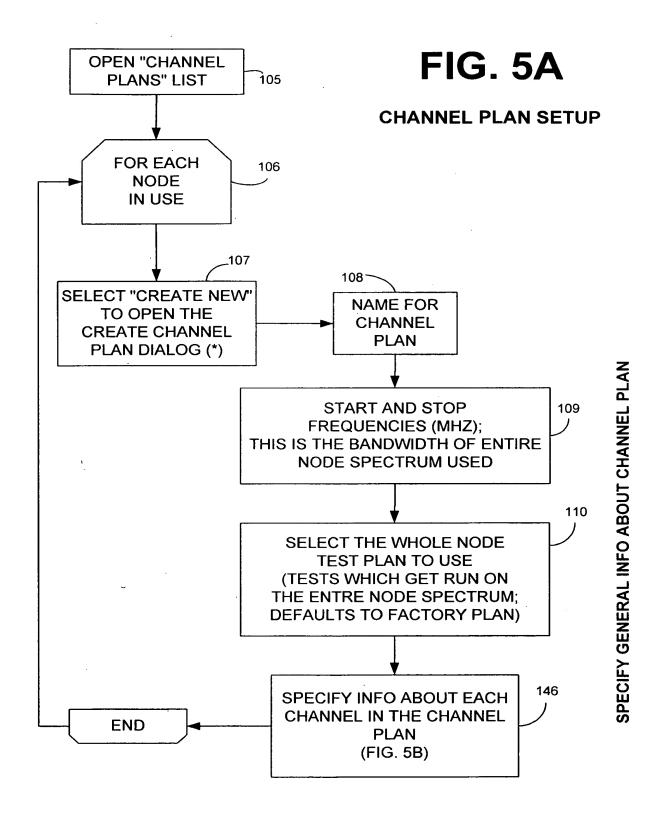
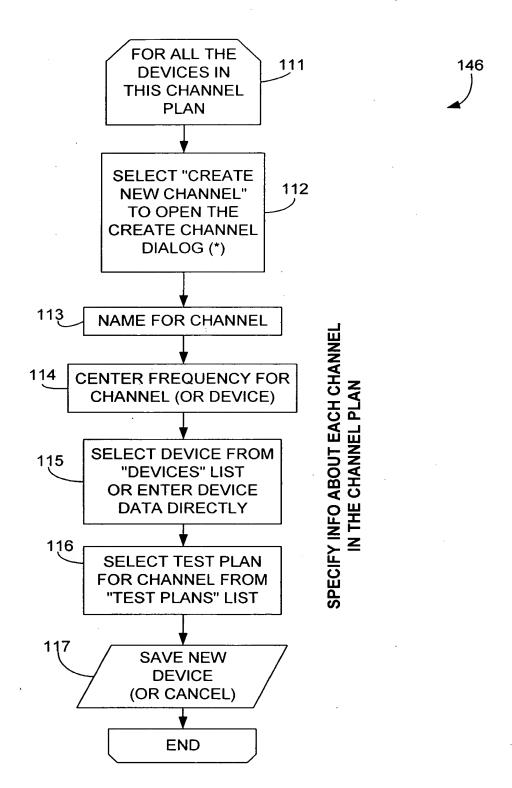
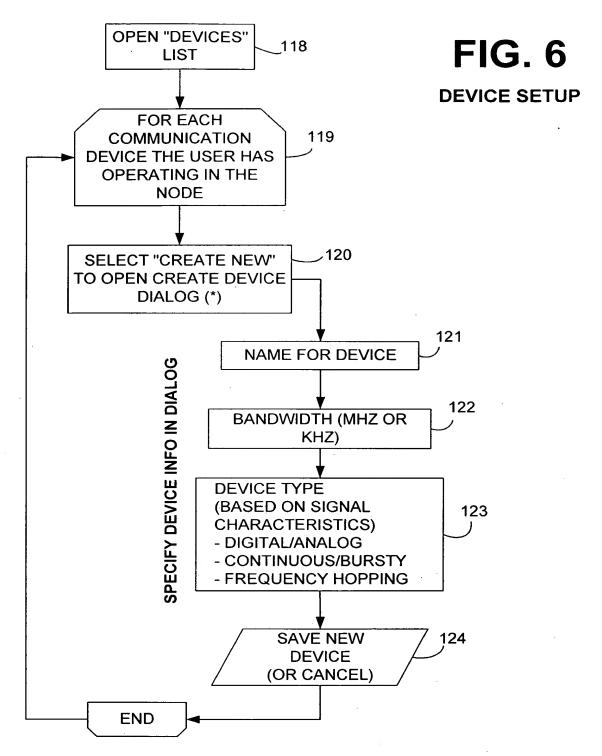


FIG. 5B

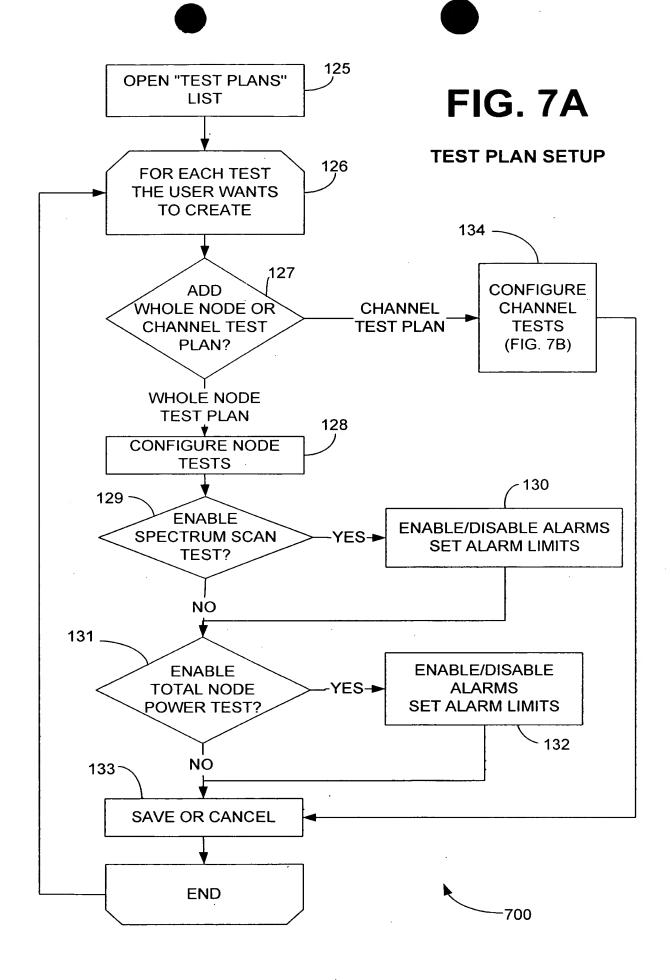
### **CHANNEL PLAN SETUP (CONTINUED)**



Ł



\* NOTE: DEVICE LIST DIALOG ALSO ALLOWS USER TO EDIT OR DELETE DEVICES.



### **TEST PLAN SETUP (CONTINUED)**

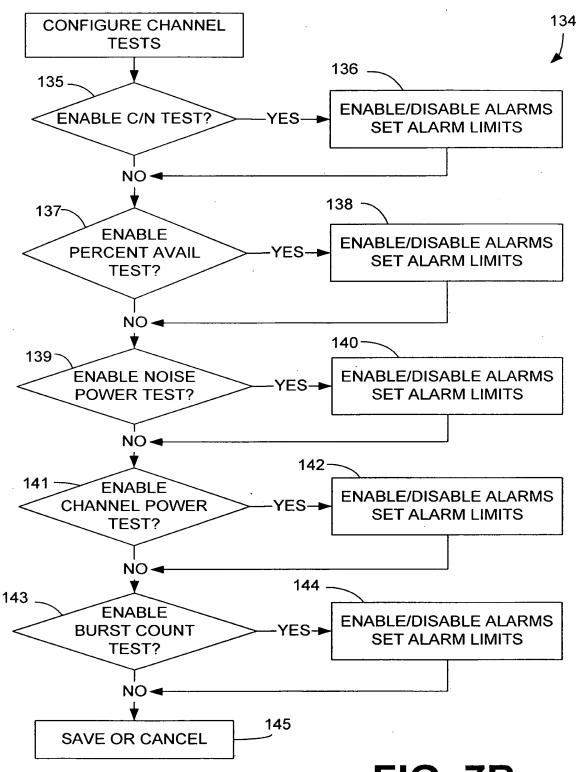
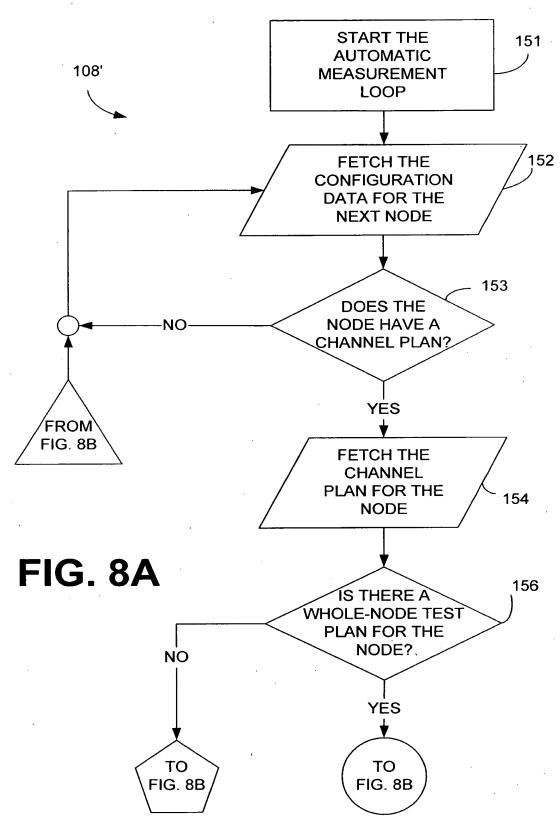
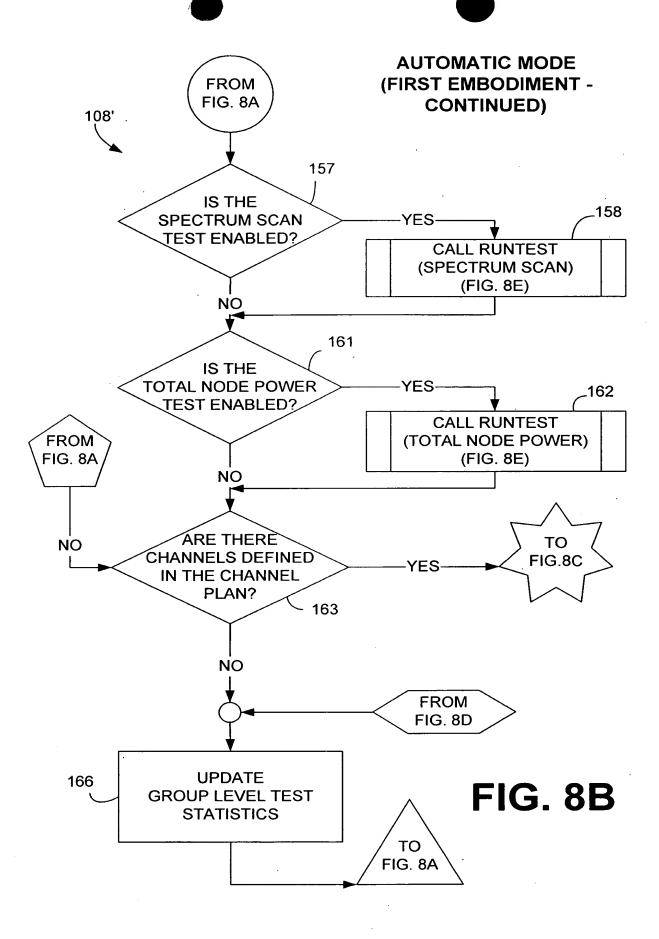
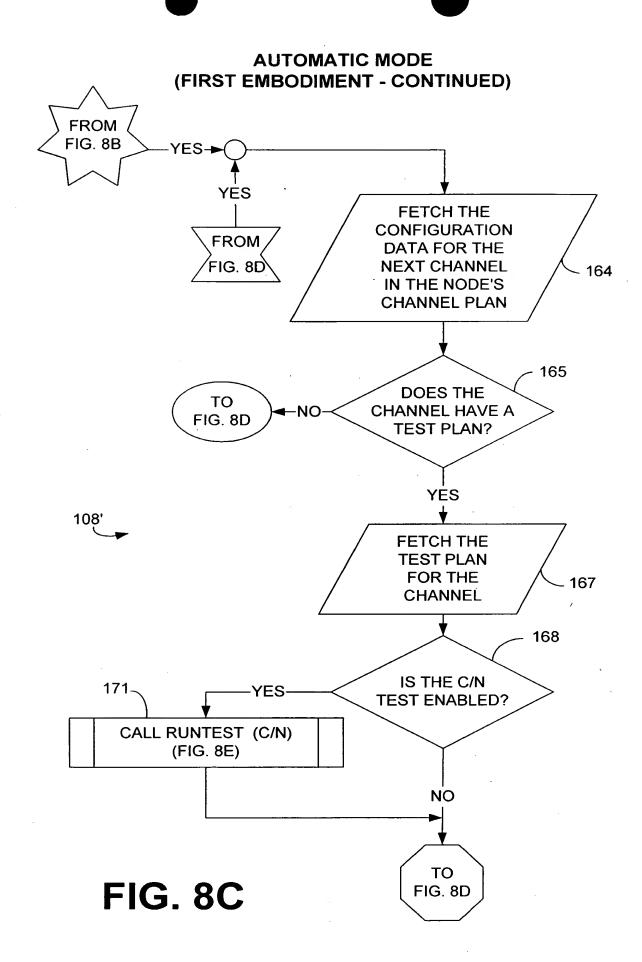


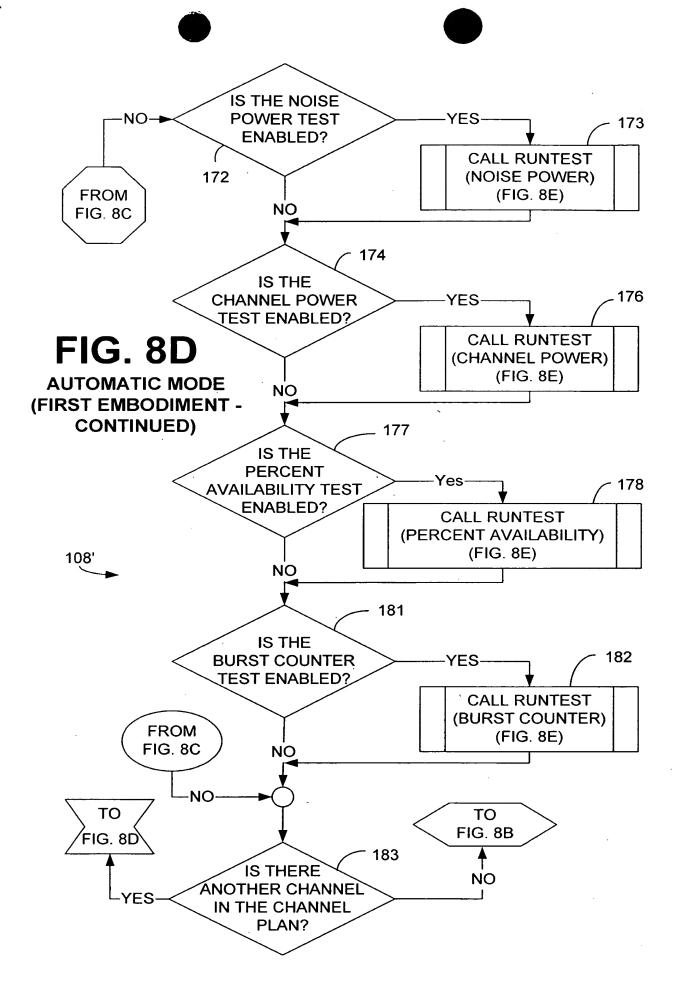
FIG. 7B

### AUTOMATIC MODE (FIRST EMBODIMENT; EMPLOYS ROUND ROBIN ALGORITHM)

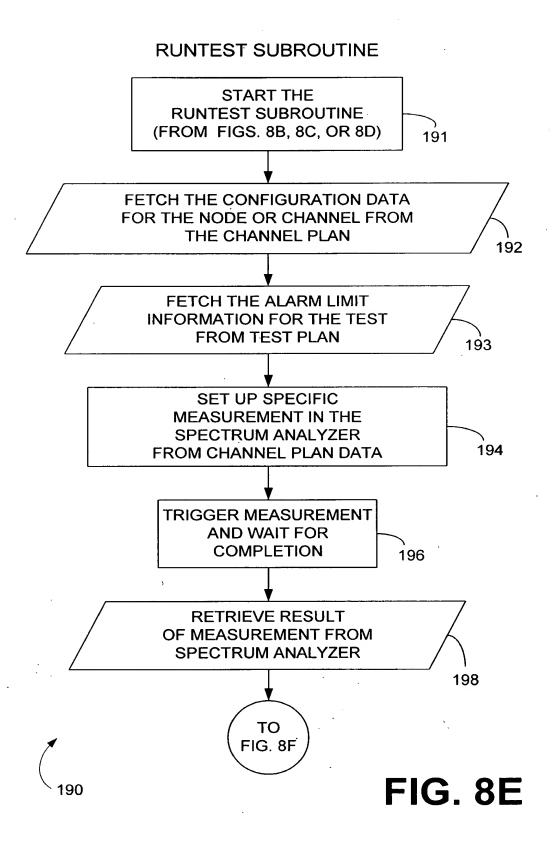




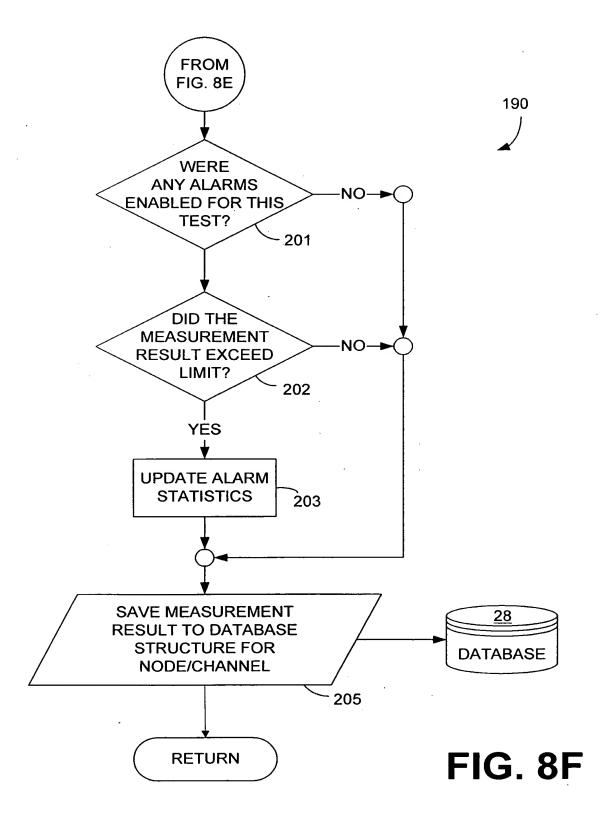




### AUTOMATIC MODE (FIRST EMBODIMENT - CONTINUED)



### AUTOMATIC MODE (FIRST EMBODIMENT - CONTINUED)



### AUTOMATIC MODE (SECOND EMBODIMENT; EMPLOYS SMART SCANNING ALGORITHM)

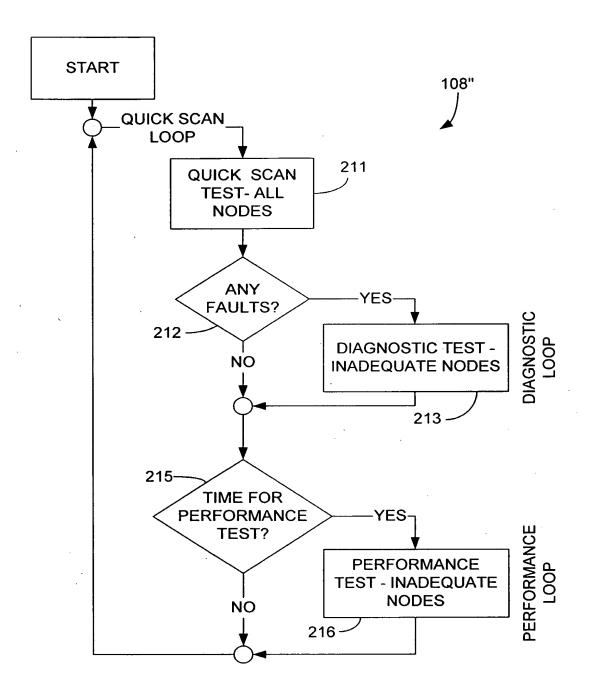
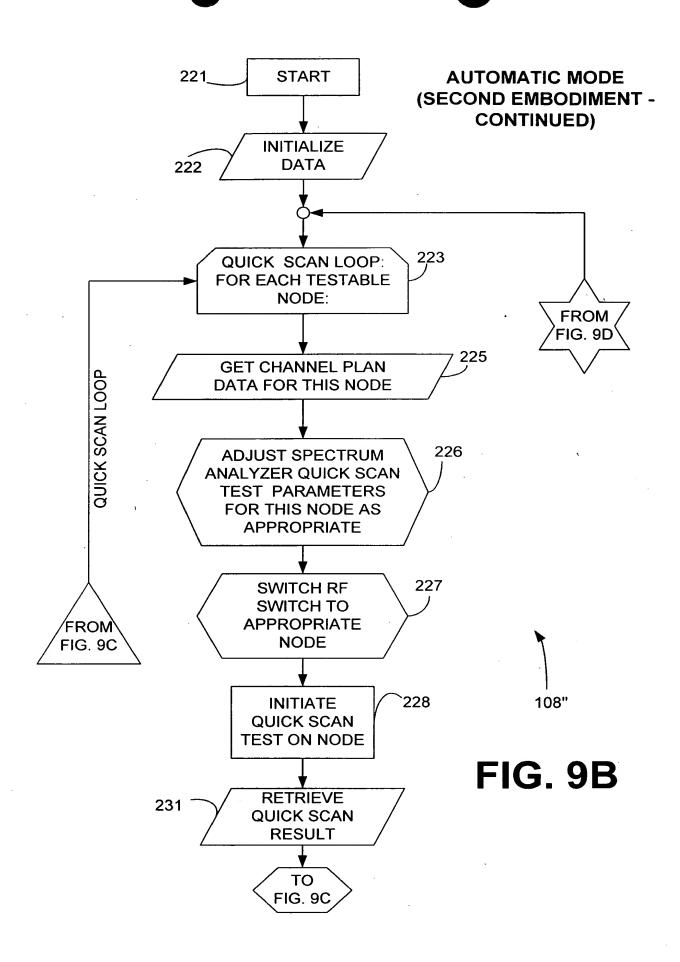
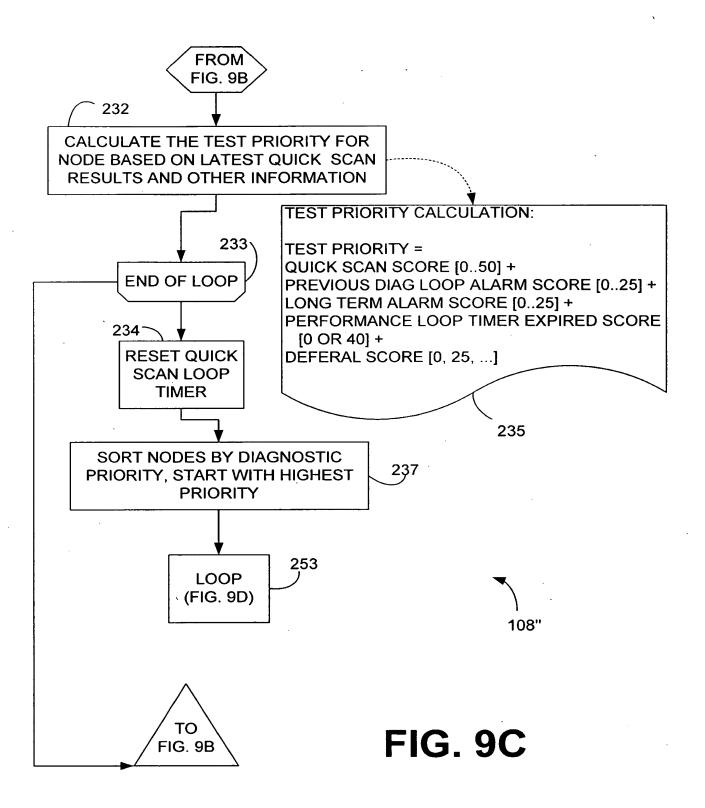


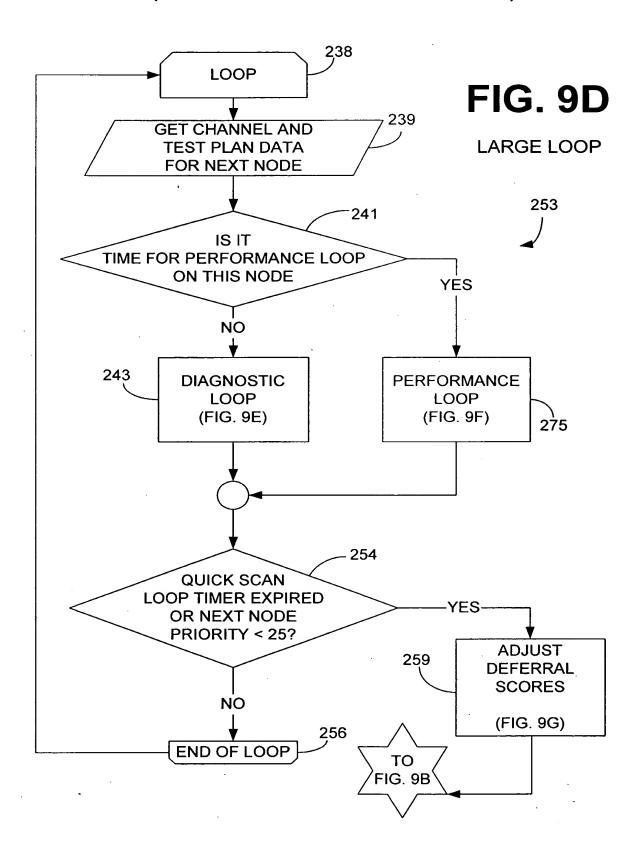
FIG. 9A



### AUTOMATIC MODE (SECOND EMBODIMENT - CONTINUED)



### AUTOMATIC MODE (SECOND EMBODIMENT - CONTINUED)



### AUTOMATIC MODE (SECOND EMBODIMENT - CONTINUED)

### **DIAGNOSTIC LOOP**

243 -

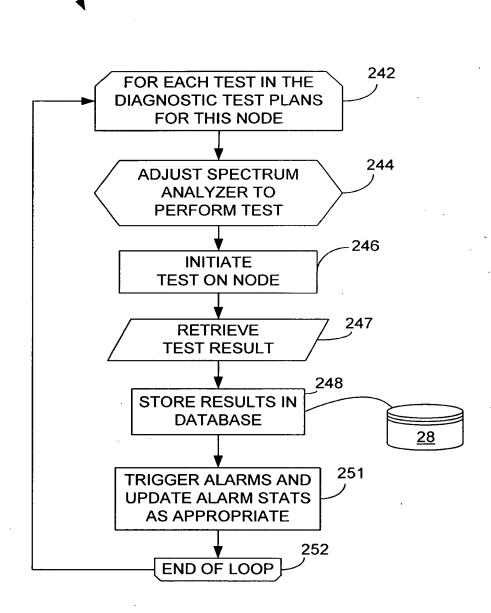
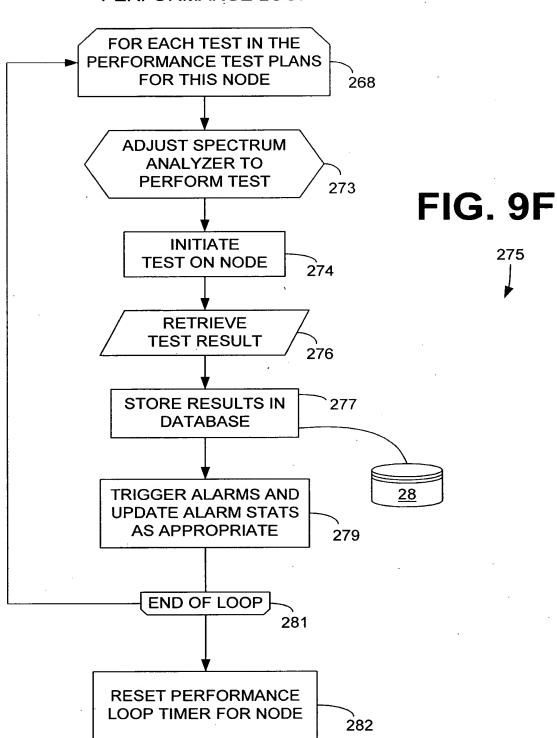


FIG. 9E

## AUTOMATIC MODE (SECOND EMBODIMENT - CONTINUED)

### PERFORMANCE LOOP



### AUTOMATIC MODE (SECOND EMBODIMENT - CONTINUED)

### ADJUST DEFERAL SCORES LOOP

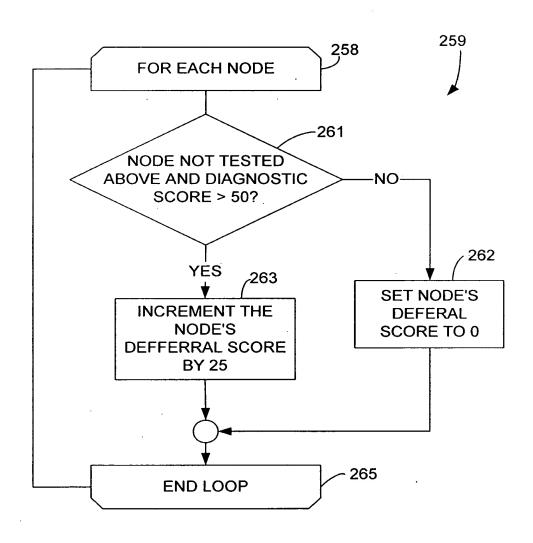
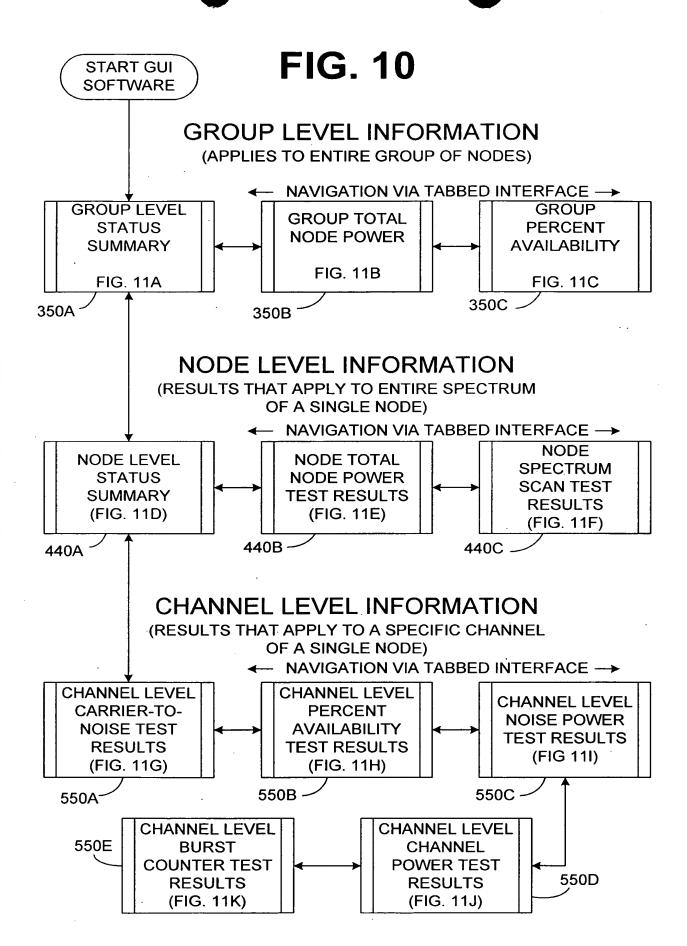
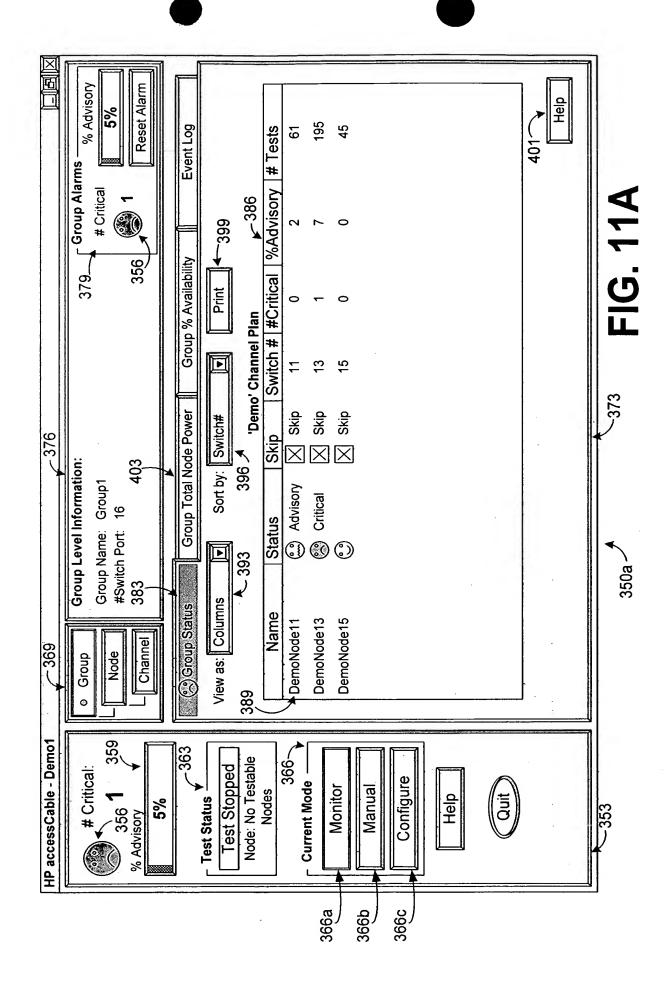
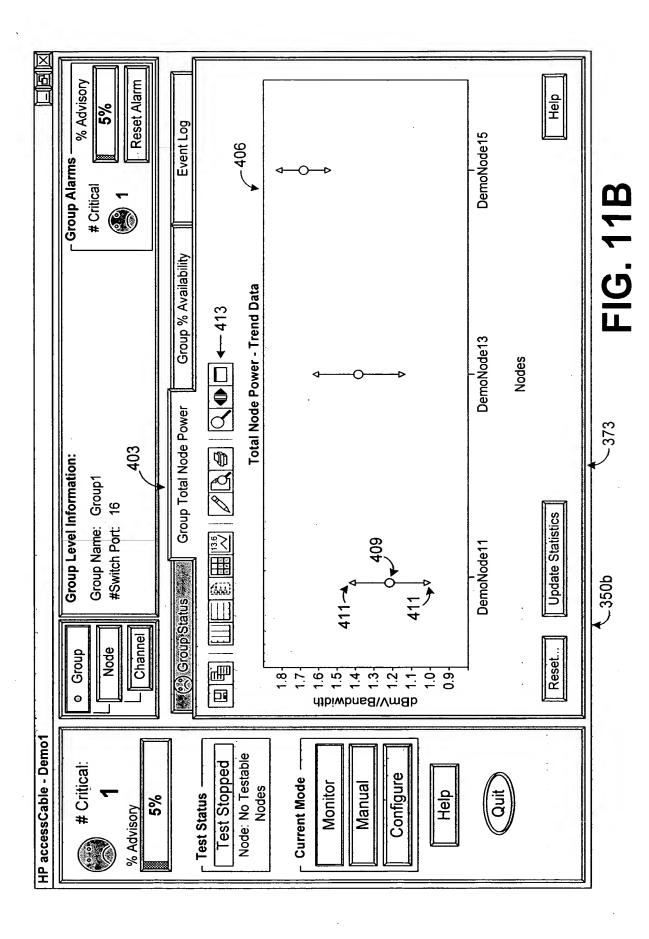
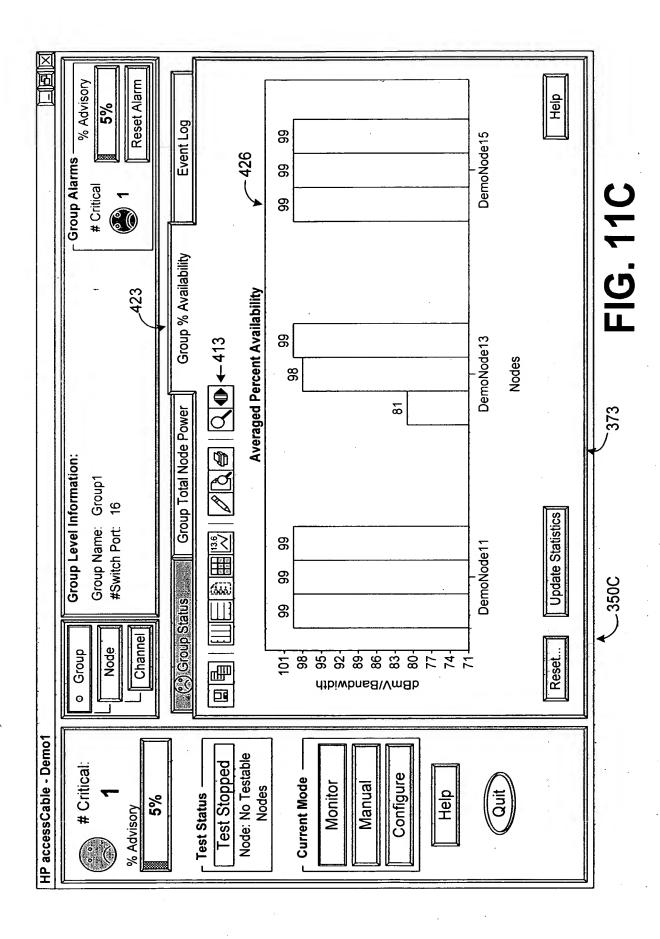


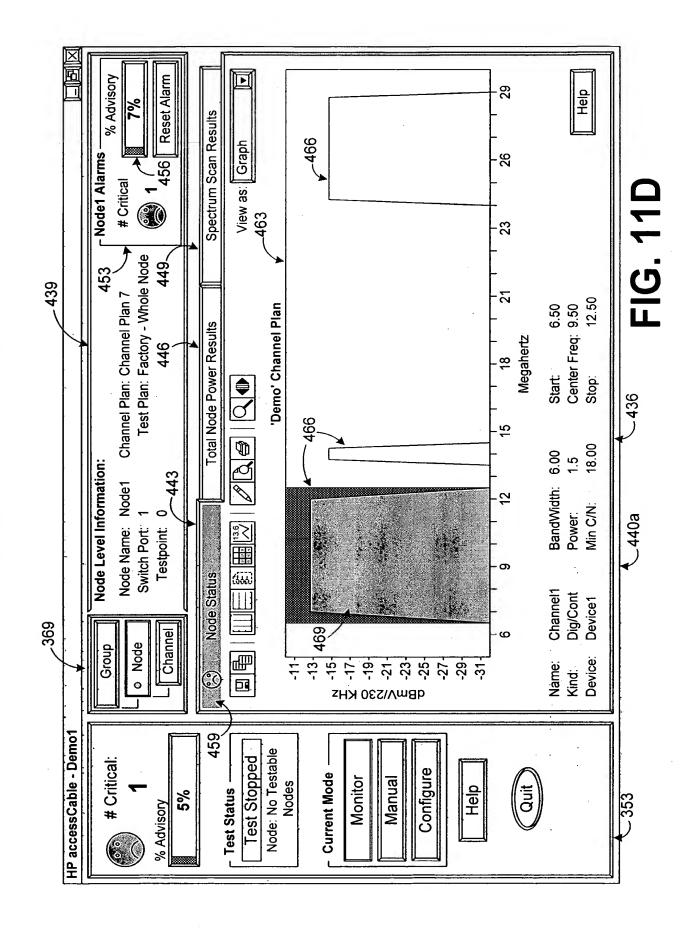
FIG. 9G

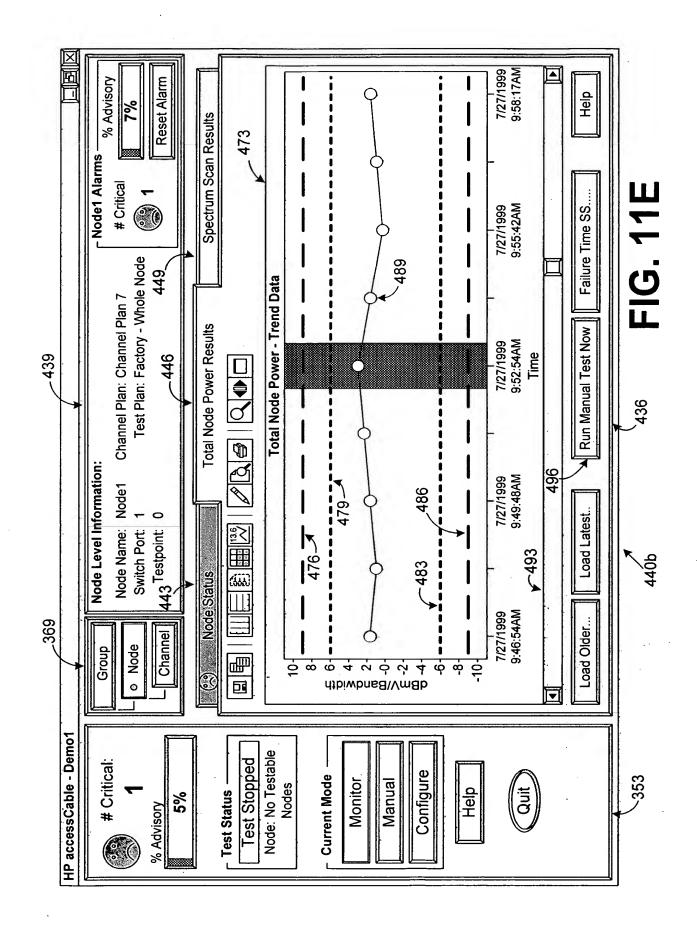


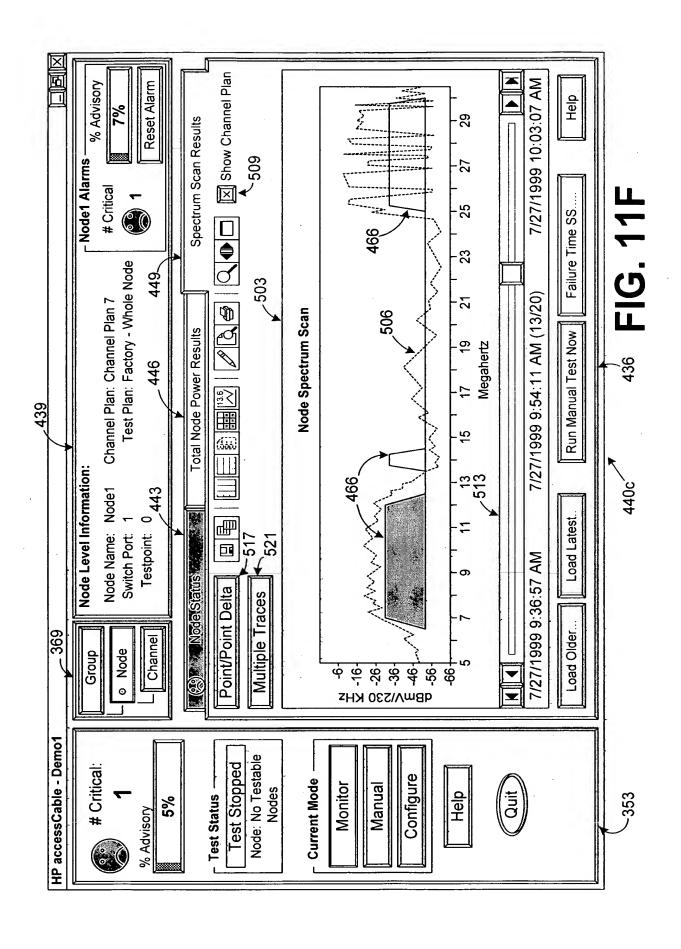


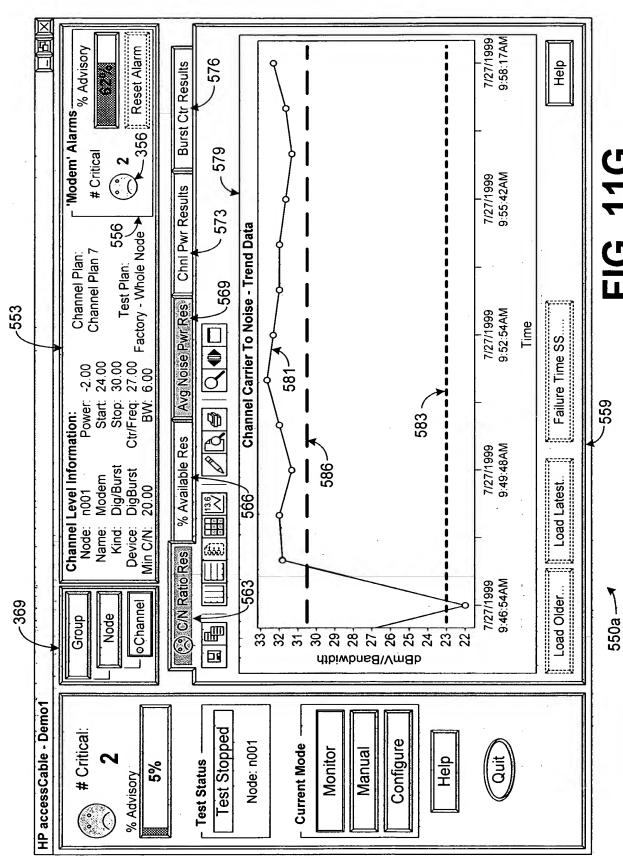


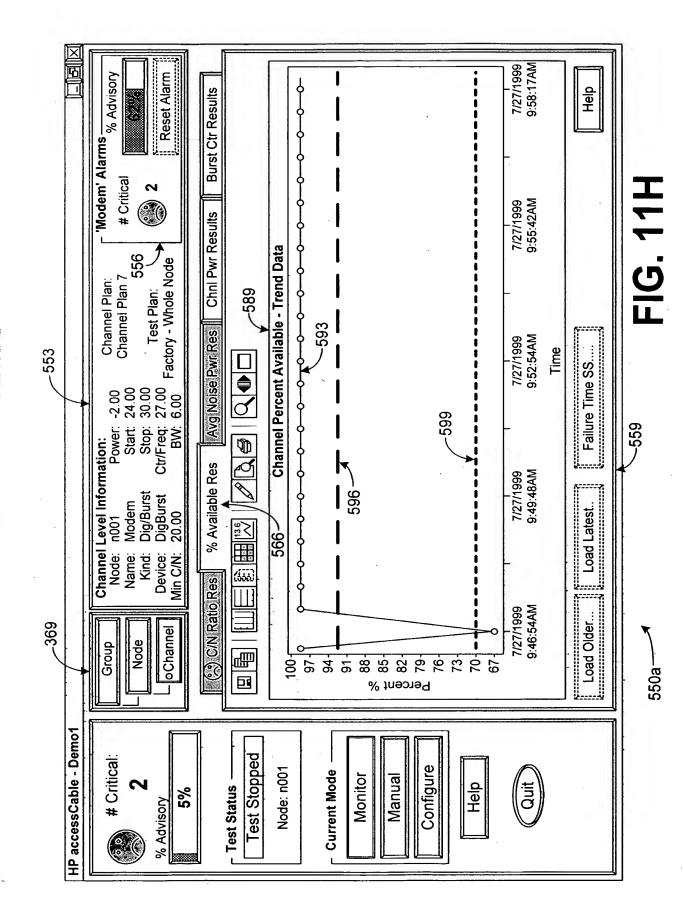












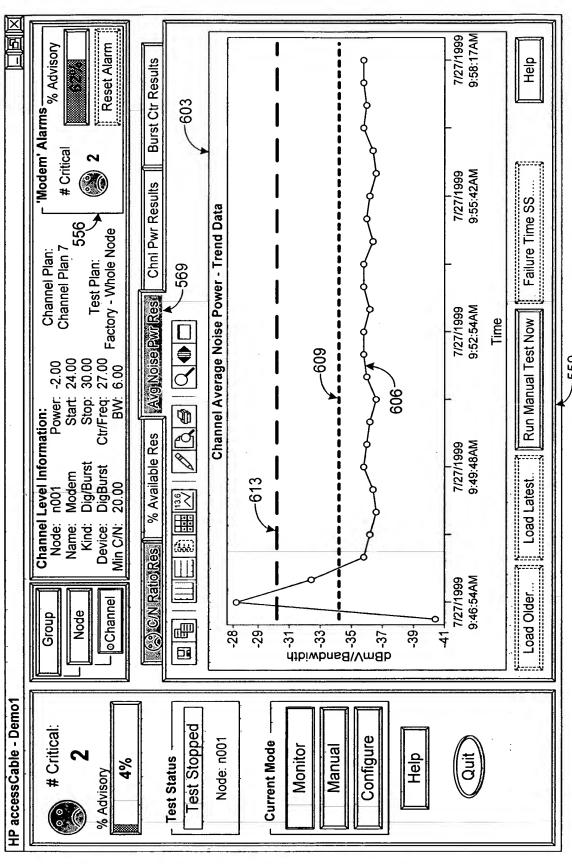
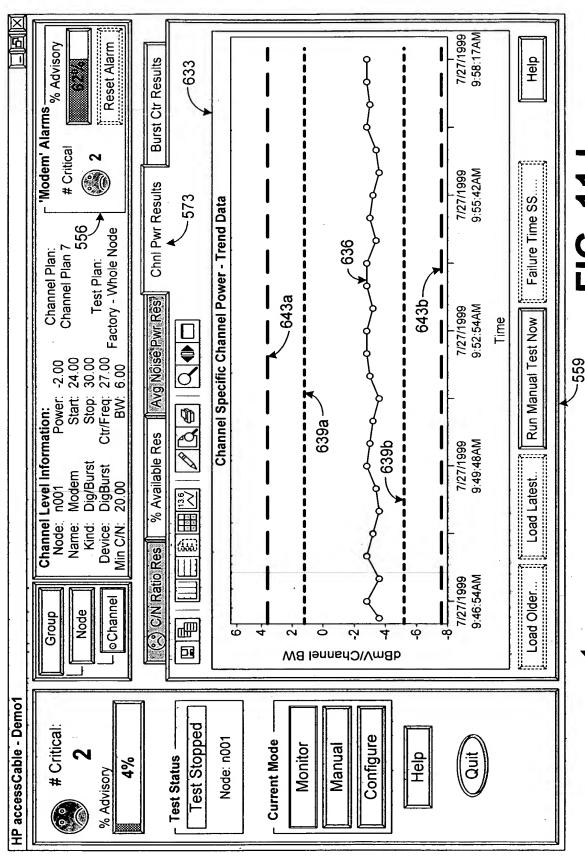
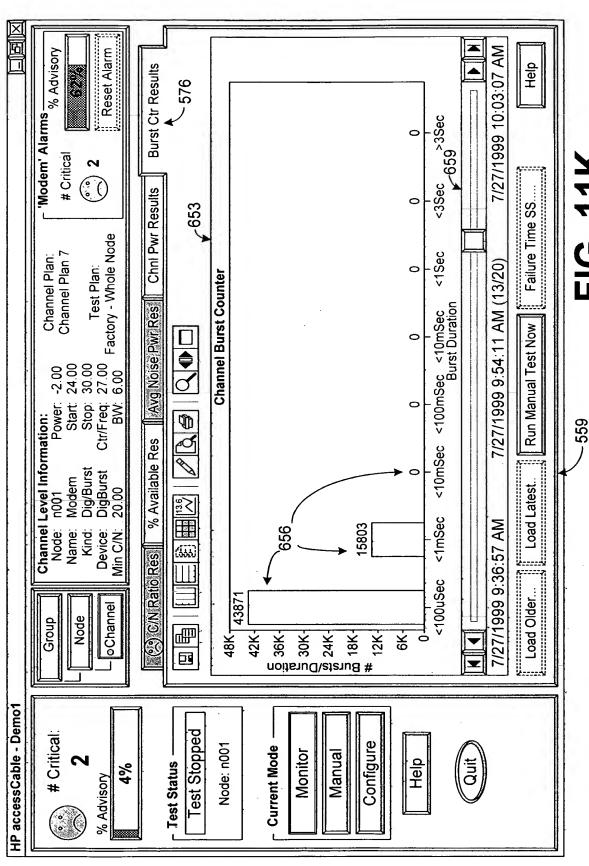


FIG. 11

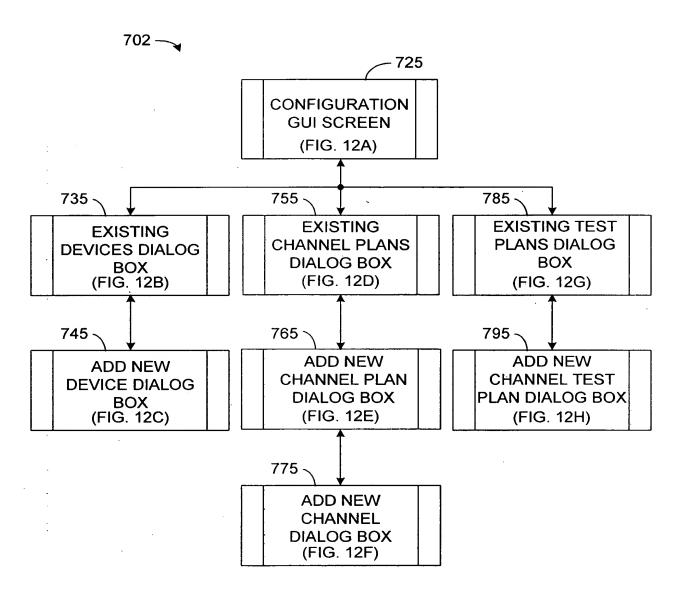
550c



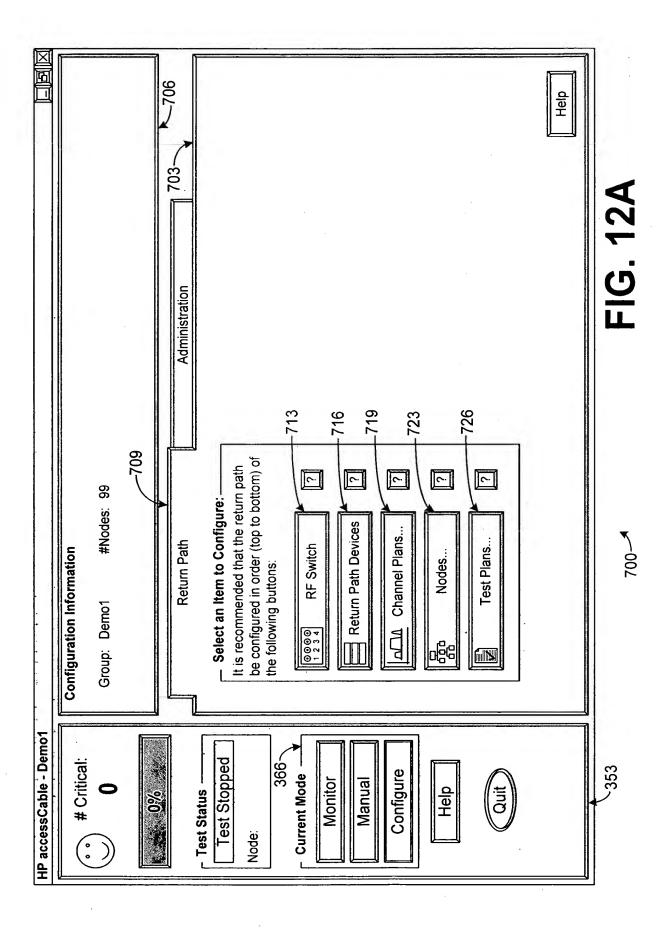
550d -



# TEST CONFIGURATION GUI NAVIGATION



**FIG. 12** 



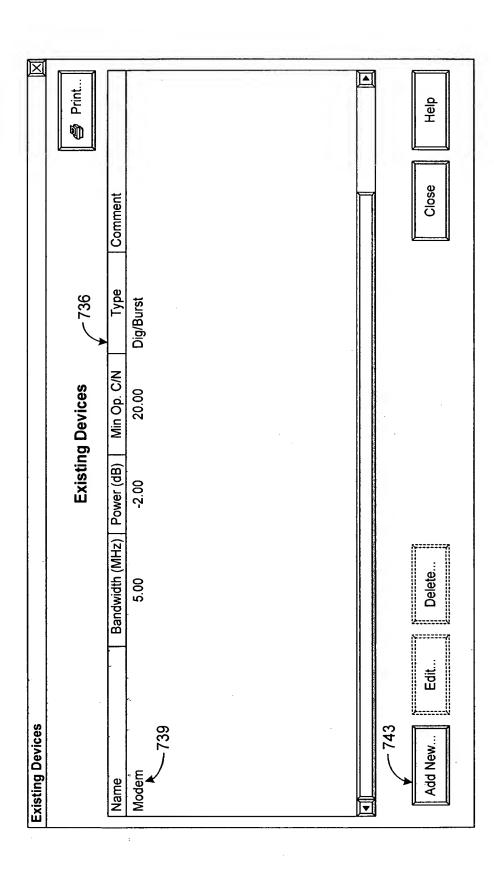
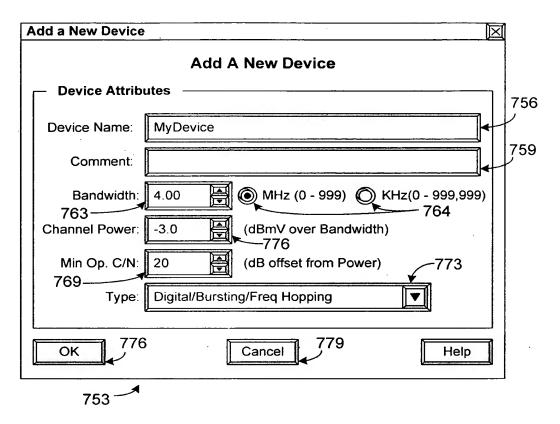


FIG. 12B

733



**FIG. 12C** 

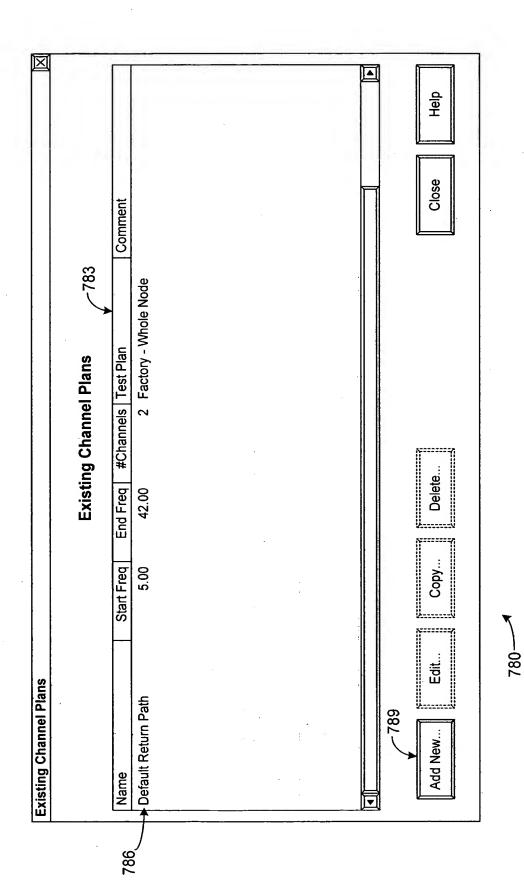


FIG. 12D

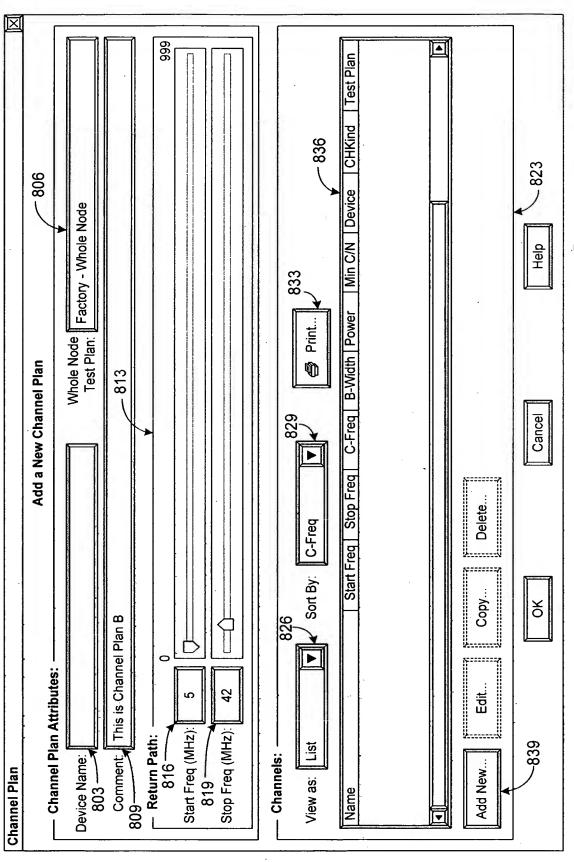
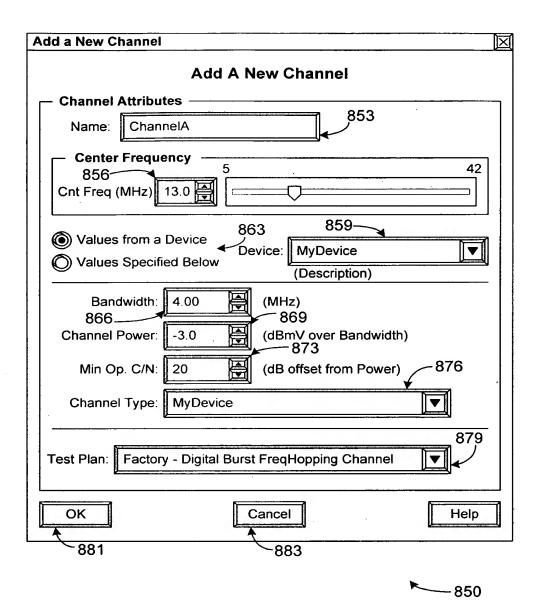


FIG. 12E

800



**FIG. 12F** 

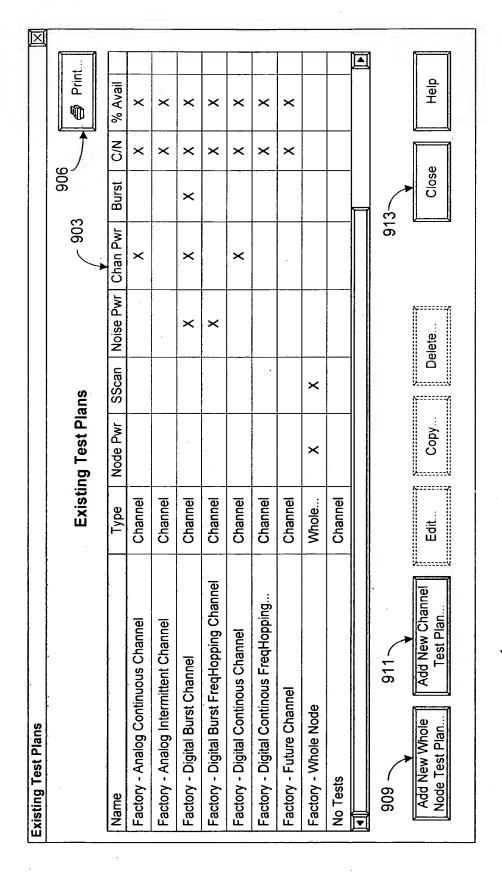
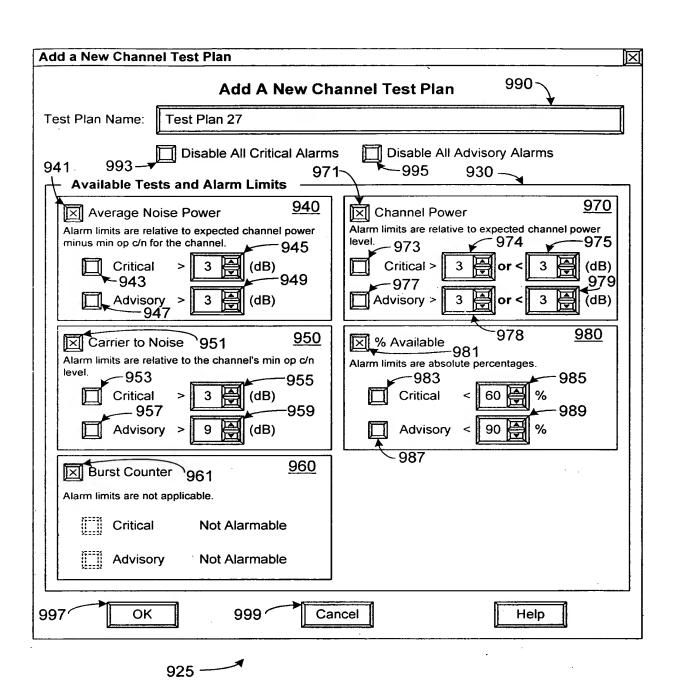


FIG. 12G

\ 08 8



**FIG. 12H**